**【2021电源分享】常见问题解答（持续更新中, 更新至10/28/2021）**

[FAQ] LM5141: 环路补偿

<https://e2echina.ti.com/support/power-management/f/power-management-forum/210662/faq-lm5141>

[FAQ] TPS54A24: 如何降低 Vin 和 Vout 的噪声以及进行测量时的噪声？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/210660/faq-tps54a24-vin-vout>

[FAQ] UCC21750: 如何在 UCC217xx 和 ISO5x5x 中提高 DESAT 充电电流以缩短短路检测时间？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/210663/faq-ucc21750-ucc217xx-iso5x5x-desat>

[FAQ] TPS62903: Vout 偏离预期值的原因是什么？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/209563/faq-tps62903-vout>

[FAQ] TI 高侧开关的扩展电压范围是多少？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/209571/faq-ti>

[FAQ] TI 高侧开关的浪涌电流限制功能是什么？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/209564/faq-ti>

[FAQ] 2021 年第 2 季度模拟设计期刊新文章

<https://e2echina.ti.com/support/power-management/f/power-management-forum/209379/faq-2021-2>

TPS23881: 为什么我的 3 类 PSE 控制器不符合 SIFOS AT 标准？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/208432/faq-tps23881-3-pse-sifos-at>

TPS6594-Q1: 可订购产品的差异？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/208427/faq-tps6594-q1/655703#655703>

TL431: TL431 与 TL432

<https://e2echina.ti.com/support/power-management/f/power-management-forum/208429/faq-tl431-tl431-tl432>

如何使用 TLC6C5748-Q1 构建局部调光系统？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/205470/faq-tlc6c5748-q1-tlc6c5748-q1>

TPS929120、TPS929120A、TPS929121 和 TPS929121A 之间有何区别？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/205471/faq-tps929120-q1-tps929120-tps929120a-tps929121-tps929121a>

泄漏电流

<https://e2echina.ti.com/support/power-management/f/power-management-forum/205472/faq-lm5050-1>

[FAQ] UCC21710: UCC217xx 与 ISO5x5x 有何区别？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/207271/faq-ucc21710-ucc217xx-iso5x5x>

[FAQ] LM5050-1: LM5050-1、LM74700-Q1 或 TPS241x 控制器能否驱动两个背对背 MOSFET？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/207267/faq-lm5050-1-lm5050-1-lm74700-q1-tps241x-mosfet>

[FAQ] LM74700-Q1: LM74700-Q1、LM7480-Q1 与 LM7481-Q1 有何区别？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/207269/faq-lm74700-q1-lm74700-q1-lm7480-q1-lm7481-q1>

[常见问题解答] UCC21520：栅极和源极与 0V 接地层之间的并联电阻

<https://e2echina.ti.com/question_answer/analog/power_management/f/24/t/202998>

[常见问题解答] LM25118：为什么在输入电压低于 4V 时无法运行？

<https://e2echina.ti.com/question_answer/analog/power_management/f/24/t/202996>

[常见问题解答] TPS650864：如何处理未使用的稳压器/电源轨？

<https://e2echina.ti.com/question_answer/analog/power_management/f/24/t/202995>

[常见问题解答] CCS/LP5036：如何在五分钟内掌握 LP50xx 器件？请提供 LP5009、LP5012、LP5018、LP5024、LP5030、LP5036 器件的快速入门指南

<https://e2echina.ti.com/question_answer/analog/power_management/f/24/t/201386>

[常见问题解答] 使用 TPS929120-Q1 在 5 分钟内设计汽车动画照明

<https://e2echina.ti.com/question_answer/analog/power_management/f/24/t/201388>

[常见问题解答] TPS546D24A：USB 转 GPIO 转换器是否具有内部上拉功能？多大电阻？多大电压？

<https://e2echina.ti.com/question_answer/analog/power_management/f/24/t/201387>

大功率PFC的选型

<https://e2echina.ti.com/question_answer/analog/power_management/f/24/t/200140>

大功率隔离电源转换的选型

<https://e2echina.ti.com/question_answer/analog/power_management/f/24/t/200141>

电压电流模式的差异

<https://e2echina.ti.com/question_answer/analog/power_management/f/24/t/200143>

反激芯片的选择

<https://e2echina.ti.com/question_answer/analog/power_management/f/24/t/200145>

恒压恒流控制芯片选择

<https://e2echina.ti.com/question_answer/analog/power_management/f/24/t/200147>

**【2021电池分享】常见问题解答（持续更新中, 更新至10/28/2021）**

[FAQ] BQ25700A、BQ25703A、BQ25708、BQ25710、BQ25713、BQ25713B、BQ25720、BQ25723、BQ25730、BQ25731：我应该为我的充电应用选择哪种降压/升压充电控制器？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/210745/faq-bq25700a-bq25703a-bq25708-bq25710-bq25713-bq25713b-bq25720-bq25723-bq25730-bq25731>

[FAQ] BQ25170: 引脚配置和设计问题

<https://e2echina.ti.com/support/power-management/f/power-management-forum/210743/faq-bq25170>

[FAQ] 如何确保充电器布局符合要求？是否有针对 BQ25700A、BQ25703A、BQ25708、BQ25710、BQ25713、BQ25713B、BQ25720、BQ25723、BQ25730、BQ25731 的指南？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/210744/faq-bq25700a-bq25703a-bq25708-bq25710-bq25713-bq25713b-bq25720-bq25723-bq25730-bq25731>

[FAQ] BQ25700A: I2C 地址是什么？为什么它在 BQStudio 上显示特定的数字？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/209588/faq-bq25700a-i2c-bqstudio>

[FAQ] BQ25703A: 如何终止或设置降压/升压充电器的截止电流？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/209586/faq-bq25703a>

[FAQ] BQ25171-Q1: 配置引脚和设计问题

<https://e2echina.ti.com/support/power-management/f/power-management-forum/209585/faq-bq25171-q1>

BQ25601: TI 能否提供用于 BQ25618、BQ25618E、BQ25619、BQ25611D、BQ25600、BQ25600D、BQ25601、BQ25601D 的示例 Linux 驱动程序？

<https://e2echina.ti.com/support/power-management/f/power-management-forum/208452/faq-bq25601-ti-bq25618-bq25618e-bq25619-bq25611d-bq25600-bq25600d-bq25601-bq25601d-linux>

为什么当 SYS 上有负载且电池不存在时，VSYS 无法正常启动（适用于 BQ25601、BQ25601D、BQ25606、BQ25611D、BQ25616、BQ25616J、BQ25618、BQ25619、BQ25600、BQ25600D 和 BQ25600C）

<https://e2echina.ti.com/support/power-management/f/power-management-forum/208455/faq-sys-vsys-bq25601-bq25601d-bq25606-bq25611d-bq25616-bq25616j-bq25618-bq25619-bq25600-bq25600d-bq25600c>

BQ25611D: BQ2561x 常见问题解答

<https://e2echina.ti.com/support/power-management/f/power-management-forum/208444/faq-bq25611d-bq2561x>

BQ24040 和 BQ2404X 系列充电完成引脚行为，/CHG

<https://e2echina.ti.com/support/power-management/f/power-management-forum/205466/faq-bq24040-bq24040-bq2404x-chg>

BQ24040 和 BQ2404X 系列故障排除技巧、无输出、充电电流低、提前终止等

<https://e2echina.ti.com/support/power-management/f/power-management-forum/205467/faq-bq24040-bq24040-bq2404x>

BQ24040 和 BQ2404X 系列 Vin 至 Vout 与充电电流调节之间的关系

<https://e2echina.ti.com/support/power-management/f/power-management-forum/205468/faq-bq24040-bq24040-bq2404x-vin-vout>

[FAQ] 无线电源 RX 原理图检查清单

<https://e2echina.ti.com/support/power-management/f/power-management-forum/207266/faq-rx>

[FAQ] BQ25790: BQ25790/792/798/672：原理图和布局设计技巧

<https://e2echina.ti.com/support/power-management/f/power-management-forum/207264/faq-bq25790-bq25790-792-798-672>

[FAQ] BQ51013B: 无线电源 RX 线圈常见问题解答

<https://e2echina.ti.com/support/power-management/f/power-management-forum/207265/faq-bq51013b-rx>

[常见问题解答] BQ25601：BQ2560x 常见问题解答

<https://e2echina.ti.com/question_answer/analog/battery_management/f/35/t/203020>

[常见问题解答] BQ25150：BQ25150 和 BQ25155 差异

<https://e2echina.ti.com/question_answer/analog/battery_management/f/35/t/203018>

[常见问题解答] BQ24296：BQ2429X：原理图审阅和 PCB 布局设计提示

<https://e2echina.ti.com/question_answer/analog/battery_management/f/35/t/203017>

[常见问题解答] 无线电源 RX 的启动疑难解答

<https://e2echina.ti.com/question_answer/analog/battery_management/f/35/t/201382>

[常见问题解答] BQ24040 和 BQ2404X 系列 NTC 和 TTDM 模式 TS 引脚配置

<https://e2echina.ti.com/question_answer/analog/battery_management/f/35/t/201379>

[常见问题解答] BQ77216：如何减少电池节数？

<https://e2echina.ti.com/question_answer/analog/battery_management/f/35/t/201381>

BQ40Z80 常见问题

<https://e2echina.ti.com/question_answer/analog/battery_management/f/35/t/200172>

BQ24133, BQ24170, BQ24171 & BQ24172:原理图审查和PCB布局设计技巧

<https://e2echina.ti.com/question_answer/analog/battery_management/f/35/t/200173>

bq27441的Taper Rate参数应该是多少

<https://e2echina.ti.com/question_answer/analog/battery_management/f/35/t/200176>

关于CEDV跟Impedance track 这两种算法的区别和应用范围

<https://e2echina.ti.com/question_answer/analog/battery_management/f/35/t/200177>